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PTB 141

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1. **Job No. D-91-449-06; Various Routes, Various Land Surveys, Various Counties, Region One/District One.**

This project will utilize the **Direct Labor Multiple (DLM)** method of contracting.

The **Complexity Factor** for this project is **0**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **October 6, 2006**, at **10:30 A.M.** at the Region One/District One Office in **Schaumburg**.

Phase II engineering services are required for land surveying projects under a blanket agreement. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis. All work for this project may be in either English or metric units.

The department will furnish the Consultant with alignment data, title reports, existing right-of-way plats and proposed right-of-way requirements as each work order is negotiated.

The estimated construction cost of these projects may range from \$200,000 to \$1,000,000. The Consultant's work includes field and office resources to prepare statutory plats of highway, legal descriptions and field staking of same. Some GIS and database work might also be required. They must also have a QA/QC plan to review internal work as well as assigned IDOT projects.

The completion date for this contract will be 24 months after authorization to proceed.

Key personnel listed on **Exhibit A** for this project must include:

- The person who will assume the duties of all aspects of the work documents (must be an Illinois Licensed Professional Land Surveyor).
- The person who will perform the QC/QA review work of all milestone submittal documents (must be an Illinois Licensed Professional Engineer and/or an Illinois Licensed Professional Land Surveyor)

Firms must be prequalified in the **Special Services (Land Surveys)** category to be considered for this project.

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

2. **Job No. P91-443-06, Elgin O'Hare Expressway (Eastern Extension)/West O'Hare Bypass Tier One Environmental Impact Statement (EIS) Cook and DuPage Counties, Region One/District One.**

This project contains federal funds.

This project will utilize the **Cost Plus Fixed Fee** method of contracting.

This project requires 10% DBE participation.

The **Complexity Factor** for this project is **0.07**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **October 5, 2006**, at **10:30 A.M.** at the Region One/District One Office in **Schaumburg**.

Consultants submitting on this project may be required to make oral presentations.

Phase I engineering services are required for the preparation of an anticipated Tier One Environmental Impact Statement (EIS) and supporting engineering reports for the Elgin-O'Hare Expressway eastern extension/West O'Hare Bypass. The Phase I planning process may be continued into Tier Two. This will be assessed at the end of Tier One. The project may include determining a preferred corridor(s) and a set of potentially multi-modal transportation improvements at a conceptual level of detail. Key planning tools may include: a public involvement program based upon the principles of Context Sensitive Solutions, and an alternatives development and evaluation process that utilizes a travel demand model and a Geographic Information System (GIS) database. All work for this project will be in English units.

Firms and their subconsultants contracted to perform Phase I engineering services outlined in this advertisement shall not be eligible to also perform Phase I engineering oversight services as a prime or subconsultant for the Elgin O'Hare Expressway eastern extension/West O'Hare Bypass Tier One EIS Project.

The department will furnish the Consultant with available microfilm plans; existing and projected traffic data; aerial photography; available existing ground survey; accident data; utility coordination and correspondence; right-of-way data, as available; archaeological, historical, biological survey and hazardous waste coordination.

The estimated construction cost for this project is \$2,200,000,000. This work must be completed within 36 months after authorization to proceed.

Key personnel listed on **Exhibits A and B** for this project must include:

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the duties of Project Engineer, that individual in charge who is directly involved in the development of the contract documents (must be an Illinois Licensed Professional Engineer).

- The person who will perform/supervise the work in the area of drainage calculations and preparation of the Drainage Report (must be an Illinois Licensed Professional Engineer).
- The person who will perform the QC/QA review work of all milestone submittal documents (must be an Illinois Licensed Professional Engineer for roadway work and must be an Illinois Licensed Structural Engineer for structural work with adequate plan review experience).
- Person who will be responsible for preparing structural concepts. The person must be an Illinois licensed Structural Engineer.
- The Environmental Lead, who will be responsible for the day-to-day management of the environmental work effort, and persons responsible for all environmental disciplines including water quality, noise, socio-economics and ecology. Environmental staffing on **Exhibit B** must match the staffing presented in the firm's most recent Statement of Experience and Financial Condition.
- The person, who will perform the work in the area of Special Transportation Studies (Mass Transit) (must be an Illinois Licensed Professional Engineer). In addition the staff performing this work must be identified.
- The person, who will perform the work in the area of Special Transportation Studies (Railway Engineering) (must be an Illinois Licensed Professional Engineer). In addition the staff performing this work must be identified.

Statements of Interest must also provide the approach the firm would take on this project, managing experience, etc.

Firms must be prequalified in the following categories to be considered for this project:

Location/Design Studies (New Construction/Major Reconstruction)
Environmental Reports (Environmental Impact Statements)

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address:
SOIPTB@dot.il.gov.

3. **Job No. P91-442-06, Elgin O'Hare Expressway (Eastern Extension)/West O'Hare Bypass Phase I Consultant Oversight, Cook and DuPage Counties, Region One/District One.**

This project contains federal funds

This project will utilize the **Cost Plus Fixed Fee** method of contracting.

The **Complexity Factor** for this project is **0.035**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **October 5, 2006 at 9:00 A.M.** at the Region One/District One Office in **Schaumburg**.

A Project Manager (PM) Consultant is required to perform various Phase I engineering services for the management of the Elgin-O'Hare Expressway eastern extension/West O'Hare Bypass Tier One Environmental Impact Statement (EIS) under contract with other Consultant engineering firm(s). The PM will be expected to perform work similar to an IDOT Project Manager and Staff. Key staff from the PM Consultant may be expected to work in the District Office several days a week. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis. All work for this project will be in English units.

Firms and their subconsultants contracted to perform Phase I Consultant oversight services outlined in this advertisement shall not be eligible to also perform Phase I functions either as a prime or subconsultant for the Elgin O'Hare Expressway eastern extension/West O'Hare Bypass Tier One EIS Project.

Joint Ventures will not be allowed on this project.

The Consultant's work may include:

- Manage the Elgin O'Hare Expressway eastern extension/West O'Hare Bypass Phase I consultant(s), including reviews and contract administration;
- Manage and track project-level cost, schedule and budget requirements, and coordination with program-level and assigned project-level controls personnel;
- Coordinate, validate, and monitor project scope;
- Identify and implement all necessary coordination and communication within and outside the Department; to IDOT and stakeholders as required;
- Hold regular progress meetings and briefings for IDOT including FHWA where details of project and progress are presented;
- Facilitate and expedite the resolution of technical issues, drawing upon necessary resources and experts in applicable disciplines;
- Facilitate the resolution of contractual issues, drawing upon necessary resources within IDOT;
- All other work as necessary and required to oversee the Elgin-O'Hare Expressway eastern extension/West O'Hare Bypass Project for the Department.

The department will provide applicable department policies and procedures to the PM Consultant.

The estimated construction cost for this project is \$2,200,000,000. This work must be completed within 36 months.

Key personnel listed on **Exhibit A** and **B** for this project must include:

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the duties of Project Engineer, that individual in charge who is directly involved in the development of the contract documents (must be an Illinois Licensed Professional Engineer).
- The person who will assume the duties of managing the day to day environmental work effort and the person(s) responsible for managing the environmental disciplines including water quality, traffic noise, socio-economics and ecology. Environmental staffing on **Exhibit B** must match the staffing presented in the firm's most recent Statement of Experience and Financial Condition.

Statements of Interest must also provide a proposed organizational chart for the proposed PM Consultant team, as appropriate, with proposed percentage of time commitment, as well as the approach the firm would take on this project, and a summary of the pertinent experience of the firm managing Phase I highway projects.

Firms must be prequalified in the following categories to be considered for this project:

Location/Design Studies (New Construction/Major Reconstruction)
Environmental Reports (Environmental Assessment)

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

4. **Job No. P-92-111-06, FAI 39 (I-39) & FAP 301 (US 20), Phase I services for the Reconstruction/Major Rehabilitation of the I-39 / US 20 and the US 20 / Harrison Ave. Interchanges, Southeast of Rockford. Winnebago County, Region Two/District Two**

This project will utilize the **Cost Plus Fixed Fee (CPFF)** method of contracting.

This project requires 12.00% DBE participation.

The **Complexity Factor** for this project is **0.035**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a negotiation meeting on **October 5, 2006 at 10:00 A.M.** at the Region Two/District Two Office in **Dixon**.

Phase I Engineering services are required for the preparation of a Location/Design Report for the reconstruction of the I-39 and US 20 interchange and the US 20 and Harrison Ave. Interchange located southeast of Rockford. The existing interchanges will be redesigned to better accommodate the existing traffic flow. It is anticipated that an Interchange Type Study may be completed to determine the most feasible and economical interchange at this location. Also, two additional roadway lanes are expected to be added on US 20 from the I-39 Interchange to I-90 Interchange within the existing US 20 median. It is anticipated that this project will be a Categorical Exclusion. All work for this project will be in English units.

The scope will include preparation of two Interchange Design Studies; type, size and location drawings for an anticipated five new structures; preparation of TS&L drawings detailing required modifications to existing structures; location drainage studies; local agency coordination and public involvement activities. The scope of the project may include preparation of Bridge Condition Reports, Location/Design Report, traffic management analysis, cost estimate, cross sections, type, size and locations drawings, Interchange Design Study, and field survey as necessary.

The following structures are expected to be included in this project:

- S.N. 101-0067 – I-39 (EB) over CC&P Railroad
- S.N. 101-0068 – I-39 (WB) over CC&P Railroad
- S.N. 101-0069 – I-39 (WB) over C&NW Railroad
- S.N. 101-0070 – I-39 (EB) over C&NW Railroad
- S.N. 101-0071 – I-39 over Harrison Ave (EB)
- S.N. 101-0072 – I-39 over Harrison Ave (WB)
- S.N. 101-0131 – Mulford Rd. over I-39
- S.N. 101-0135 – I-39 over US 20
- S.N. 101-0136 – US 20 WB to I-39 Ramp over US 20
- S.N. 101-0137 – US 20 EB to I-39 Ramp over Linden Rd
- S.N. 101-0138 – I-39 NB over Linden Rd.
- S.N. 101-0139 – I-39 US 20 WB to I-39 SB Ramp over Linden Rd.
- S.N. 101-0140 – I-39 NB to US 20 EB Ramp over Linden Rd.
- S.N. 101-0141 – I-39 NB over US 20 to I-39 SB Ramp
- S.N. 101-2075 – Culvert over Madigan Creek

We anticipate the following new structures to be added to the project:

- S.N. 101-0000 – EB US 20 over SB I-39 Ramp
- S.N. 101-0000 – WB US 20 over SB I-39 Ramp
- S.N. 101-0000 – I-39 to WB US 20 over SB I-39 Ramp
- S.N. 101-0000 – Linden Rd. over SB I-39 Ramp
- S.N. 101-0000 – NB I-39 to EB US 20 over Linden Rd.

The department will furnish the Consultant with any available as-built/existing plans; microfilm plans; aerial survey and existing survey data; existing and right-of-way plats; traffic data, accident information, soils boring data, and any other available information.

The estimated construction cost for this project is \$37,500,000. The completion date for this contract will be 18 months after authorization to proceed.

Key personnel listed on **Exhibits A and B** for this project must include:

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the duties of Project Engineer, that individual in charge who is directly involved in the development of the contract documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform/supervise the work in the area of drainage calculations and drainage plans (must be an Illinois Licensed Professional Engineer).
- The person who will be in charge of land surveys (must be an Illinois Licensed Professional Land Surveyor).
- The person who will perform the work in the area of structure plan preparation documents (must be an Illinois Licensed Structural Engineer). In addition the staff performing this work must be identified.
- The person who will perform the QC/QA review work for all milestone submittal documents (must be an Illinois Licensed Professional Engineer for roadway work and must be an Illinois Licensed Structural Engineer for structural work with adequate plan review experience).

Firms must be prequalified in the following category to be considered for this project:

**Location/Design Studies (Reconstruction/Major Rehabilitation)
Structures (Highway: Advanced Typical)
Special Services (Land Surveys)**

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address:
SOIPTB@dot.il.gov

5. **Job No. P-92-007-06, FAP 301 (US 20 Bypass), Phase I/II services for the Reconstruction/Major Rehabilitation of the US 20/IL 2 Interchange near Rockford, Winnebago County, Region Two/District Two**

This project will utilize the **Cost Plus Fixed Fee (CPFF)** method of contracting.

This project requires 12.00% DBE participation.

The **Complexity Factor** for this project is **0**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a negotiation meeting on **October 10, 2006 at 10:00 A.M.** at the Region Two/District Two Office in **Dixon**.

Phase I and II engineering services are required for the preparation of a Location/Design Report and the contract plans for the redevelopment of a full access interchange at US 20 over IL 2 near Rockford. The existing profile of US Bypass 20 will be examined to correct a deficient vertical clearance and it is expected that the entire interchange will be required to be redesigned. It is anticipated that the proposed geometrics for the new interchange will be available for inclusion in the Location/Design Report by the department. Phase II engineering services will be required for the preparation of plans, special provisions, estimates, related documents and any other work necessary to complete the contract plans. It is anticipated that this project will be a Categorical Exclusion. All work for this project will be in English units.

The scope of the project is anticipated to include preparation of a Location/Design Report, traffic management analysis, cost estimate, cross sections, type, size and location drawings, accident analysis, contract plans including roadway plans, drainage analysis, and temporary traffic signal plans; special details; special provisions; quantities and cost estimates; and field survey as deemed necessary.

The following structures are anticipated to be included in this project:

- S.N. 101-0055 – E.B Lanes
- S.N. 101-0056 – W.B. Lanes

The department will furnish the Consultant with any available as-built/existing plans; microfilm plans; aerial survey; bridge condition reports, existing right-of-way plats; traffic data, accident information, soils boring data, and any other available information.

The estimated construction cost for these projects are \$11,000,000. The completion date for the Phase I contract will be 15 months after authorization to proceed. Phase II will be negotiated near the completion of Phase I. The completion date for Phase II work will be 12 months after authorization to proceed.

Key personnel listed on **Exhibit A** and **B** for this project must include:

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).

- The person who will perform the duties of Project Engineer, that individual in charge who is directly involved in the development of the contract documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the work in the area of structure plan preparation documents (must be an Illinois Licensed Structural Engineer). In addition the staff performing this work must be identified.
- The person who will be in charge of route surveys (must be an Illinois Licensed Professional Engineer or an Illinois Licensed Professional Land Surveyor).
- The person who will be in charge of land surveys (must be an Illinois Licensed Professional Surveyor).
- The person who will perform the QC/QA review of all milestone submittal documents (must be an Illinois Licensed Professional Engineer for roadway work and must be an Illinois Licensed Structural Engineer for structural work with adequate plan review experience).

Firms must be prequalified in the following category to be considered for this project:

Highways (Roads & Streets)
Location/Design Studies (Reconstruction/Major Rehabilitation)
Structures (Highways: Typical)

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address:
SOIPTB@dot.il.gov

6. **Job No. C-92-092-06, FAI 39 (I-39), Construction Inspection for I-39 over Kishwaukee River, 0.8 miles south of Blackhawk Rd., Winnebago County, Region Two/District Two.**

This project will utilize the **Cost Plus Fixed Fee (CPFF)** method of contracting.

The **Complexity Factor** for this project is **0.07**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a negotiation meeting on **October 6, 2006** at **10:00 A.M.** at the Region Two/District Two Office in **Dixon**.

Phase III engineering service are required for proposed improvements to the existing twin structures carrying I-39 over the Kishwaukee River, approximately 0.8 miles south of Blackhawk Rd. The existing structures are 5-span precast, post-tensioned segmental concrete box girder bridges, which were originally constructed in 1980 using the balanced cantilever method. A study performed during Phase II engineering services determined the stress cracking observed in the bridge is causing continued deterioration. Contract documents were developed to strengthen the structures using external post-tensioning tendons internal to the box girders. A Fixed Anti-icing Spray Technology (FAST) system will also be installed on the structures and communicate with the existing Road Weather Information Systems (RWIS).

The proposed scope of the Phase III engineering services includes assisting the department in monitoring the Contractor's execution of the work detailed in the contract documents for the areas of the post-tensioning system and the FAST system. The services include the inspection of the installation and casting of the post-tensioning deviators and anchor blocks. The Consultant shall also witness the stressing of all post-tensioning tendons, record elongations and jack pressures, and verify that the installation and stressing meets the contract requirements. The services further include witnessing all tendon grouting activities and verifying that the Contractor follows specified grouting procedures. The Consultant shall be present during the testing and implementation of the FAST system and verify that it meets all system requirements.

The Consultant will provide sufficient staff to perform all of the engineering services required to complete the project. The project may include the inspection and documentation of pay quantities, on-site material testing and material quality assurance testing, construction staking and layout as required. The Consultant will be responsible for the completion of the work in accordance with the plans and specifications.

The Consultant will assist the Resident Engineer with all documentation of the project. This includes, but is not limited to, job diary, weekly reports, daily quantities, field books, calculations, and layout. The Consultant will be responsible for any vehicles, cell-phones, measuring devices, tools of the trade, computer, or any other items needed to complete the job.

The department will furnish the Consultant with a Resident Engineer for the project, all necessary plans, specifications, related forms for record keeping, and will do all off site material inspection for the project.

Quality Assurance (QA) oversight and Contractor's Quality Control (QC) by the same Consultant or one of their subconsultants on the same project or on material coming in from the same plant are prohibited.

The estimated construction cost for this project is \$6,000,000. This project is scheduled for construction during calendar years of late 2006 and 2007. The Consultant will be required to complete and submit final measurements, calculations and contract record documents to the department no later than six (6) weeks after the completion of the project. The completion date for this contract will be 24 months after authorization to proceed.

The following structures are anticipated to be included in this project:

- 101-0133 – I-39 over Kishwaukee River – Southbound
- 101-0134 – I-39 over Kishwaukee River – Northbound

Key personnel listed on **Exhibit A** for this project must include:

- The person who will assume the duties of Project Manager for all aspects of the work (must be an Illinois Licensed Professional Engineer and shall have at least 5 years of segmental bridge design and construction experience).
- The person who will assume the duties of inspecting the post-tensioning system must have at least 5 years of segmental bridge design and construction experience.
- The person who will assume the duties of inspecting the grouting operation of the post-tensioning system must have at least 5 years of segmental bridge design and construction experience and an ASBI Certified Grouting Technician.
- The person who will assume the duties of inspecting the FAST system shall have at least 3 years of experience in testing and implementation of ITS systems that include communications.
- The Liaison Engineer.
- The Materials Coordinator.
- The Document Technician. (The person actively performing the documentation on the project must possess a current IDOT Construction Documentation certificate. **Include the Documentation Certificate Number for IDOT class S-14, Documentation of Contract Quantities.**)
- The Materials QA Technician.
- The Survey Chief.

Firms must be prequalified in the following categories to be considered for this project:

Special Services (Construction Inspection)
Highway Structures (Major Bridges: Segmental Box Girder)

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address:
SOIPTB@dot.il.gov

7. **Job No. P-92-145-05 & D-92-145-05, FAP 646 (IL 40), Over Rock River, between Sterling and Rock Falls, Phase I/II for Structure Replacement, Whiteside County, Region Two/District Two**

This project will utilize the **Cost Plus Fixed Fee (CPFF)** method of contracting.

This project requires 12.00% DBE participation.

The **Complexity Factor** for this project is **0.035**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a negotiation meeting on **October 6, 2006 at 10:00 A.M.** at the Region Two/District Two Office in **Dixon**.

Phase I and II engineering services are required for the preparation of a Location/Design Report and final contract plans for the complete removal and replacement of the structure that carries IL 40 over the Rock River located between Sterling and Rock Falls. This bridge has buildings located directly adjacent to it at both ends of the structure. It is anticipated that Geotechnical work may require the use of a barge and/or other means necessary to obtain structure boring information. A public meeting is anticipated to discuss related to traffic flow and impacts during construction. It is also anticipated that this project will be a Categorical Exclusion. All work for this project will be in English units.

The scope of the project is anticipated to include preparation of Location/Design Report, traffic management analysis, cost estimate, cross sections, type, size and location drawings (TSL), contract plans including roadway, drainage, and traffic signal plans; drainage system design; special details; special provisions; quantities and cost estimates; and field survey as necessary to complete the project.

The following structure is included in this project:

- S.N. 098-0014 – IL 40 over Rock River,

The department will furnish the Consultant with any available as-built/existing plans; microfilm plans; aerial survey; bridge condition reports, accident statistics, existing right-of-way plans; traffic data, soils boring data, and any other available information.

The estimated construction cost for this project is \$25,000,000. The completion date for Phase I will be 18 months after authorization to proceed. Phase II will be negotiated near the completion of Phase I. The completion date for Phase II work will be 12 months after authorization to proceed.

Key personnel listed on **Exhibit A** and **B** for this project must include:

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the duties of Project Engineer, that individual in charge who is directly involved in the development of the contract documents (must be an Illinois Licensed Professional Engineer).

- The person who will perform the work in the area of structure plan preparation documents (must be an Illinois Licensed Structural Engineer). In addition the staff performing this work must be identified.
- The person who will be in charge of land surveys (must be an Illinois Licensed Professional Land Surveyor).
- The person who will be in charge of route surveys (must be an Illinois Licensed Professional Engineer or an Illinois Licensed Professional Land Surveyor).
- The person who will be in charge of the Geotechnical work (must be an Illinois Licensed Professional Engineer or a Structural Engineer with demonstrated experience in geotechnical engineering).
- The person who will perform the QC/QA review work for all milestone submittal documents (must be an Illinois Licensed Professional Engineer for roadway work and must be an Illinois Licensed Structural Engineer for structural work with adequate plan review experience).

Firms must be prequalified in the following category to be considered for this project:

Highways (Roads & Streets)
Location/Design Studies (Reconstruction/Major Rehabilitation)
Structures (Highway: Typical)

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address:
SOIPTB@dot.il.gov

8. **Job No. P-92-045-06, P-92-076-03 and P-92-049-06, FAP 646 (IL 40), FAP 308 (IL 84) and FAP 585 (IL 92), Phase I/II Engineering Services for Structure Replacements, Whiteside, Rock Island and Henry Counties, Region Two/District Two**

This project will utilize the **Cost Plus Fixed Fee (CPFF)** method of contracting.

The **Complexity Factor** for this project is **0**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a negotiation meeting on **October 11, 2006**, at **10:00 A.M.** at the Region Two/District Two Office in **Dixon**.

Phase I and II engineering services are required for the preparation of an anticipated three Location/Design Reports and final contract plans for the complete removal and replacement of approximately four structures. The first report is for the removal and replacement of a structure that carries IL 40 over the Hennepin canal feeder, 0.5 miles south of US 30. The second report is for the removal and replacement of a structure that carries IL 84 over a ditch at the south edge of Cordova. The third report is for the removal and replacement of a structure that carries IL 92 over Main Union Special Ditch, 0.9 miles west of IL 78 and the removal and replacement of a culvert that carries IL 92 over a ditch, 0.3 miles west of Countryman Rd. It is anticipated that these projects will be a Categorical Exclusions. All work for this project will be in English units.

The scope of these projects may include but is not limited to: preparation of Location/Design Report, traffic management analysis, cost estimate, cross sections, accident analysis, type, size and location drawings, contract plans including roadway, drainage, and traffic signal plans; drainage system design; special details; special provisions; quantities and cost estimates; and field surveys as needed.

The following structures are anticipated to be included in this project:

- S.N. 098-0015 – IL 40 over Hennepin Canal Feeder
- S.N. 081-2001 – IL 84 over a Drainage Ditch
- S.N. 037-0069 – IL 92 over Main Union Special Ditch
- S.N. 037-1096 – IL 92 over a Ditch

The department will furnish the Consultant with any available as-built/existing plans; microfilm plans; aerial survey; bridge condition reports, accident statistics, existing right-of-way plats; traffic data, soils boring data, and any other available information.

The estimated construction cost for this project is \$2,475,000. The completion date for Phase I will be 15 months after authorization to proceed. Phase II will be negotiated near the completion of Phase I. The completion date for Phase II work will be 12 months after authorization to proceed.

Key personnel listed on **Exhibit A** for this project must include:

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).

- The person who will perform the duties of Project Engineer, that individual in charge who is directly involved in the development of the contract documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the work in the area of structure plan preparation documents (must be an Illinois Licensed Structural Engineer). In addition the staff performing this work must be identified.
- The person who will be in charge of land surveys (must be an Illinois Licensed Professional Land Surveyor).
- The person who will be in charge of route surveys (must be an Illinois Licensed Professional Engineer or an Illinois Licensed Professional Land Surveyor).
- The person who will perform the QC/QA review work for all milestone submittal documents (must be an Illinois Licensed Professional Engineer for roadway work and must be an Illinois Licensed Structural Engineer for structural work with adequate plan review experience).

Firms must be prequalified in the following category to be considered for this project:

Highways (Roads & Streets)
Location/Design Studies (Rehabilitation)
Structures (Highway: Typical)

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address:
SOIPTB@dot.il.gov

9. **Job No. P-93-035-06, Phase I/II Various Structure Projects, Various Routes, Various Counties, Region Two/District Three.**

This project will utilize the **Direct Labor Multiple (DLM)** method of payment.

The **Complexity Factor** for this project is **0**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a negotiation meeting on **October 5, 2006** at **10:00 A.M.** at the Region Two/District Three Office in **Ottawa**.

Phase I and/or Phase II engineering services are required for Bridge Condition Reports, field surveys (including route and hydraulic stream surveys), Hydraulic Reports and, if needed, Type, Size and Location drawings, structure repair plans and structure borings for various structures throughout District 3. Work orders under the blanket agreement will be negotiated and authorized on an as-needed basis. Work for this project will be in English units.

The scope of work is anticipated to include data collection (may include ground penetration radar and/or infrared bridge deck delamination surveys and deck cores), ground and stream surveys, cost comparisons, traffic analyses and all work necessary to complete the Bridge Condition Reports, Hydraulic Reports and, if needed, type, size and location (TS&L) drawings, structure repair plans and structure borings.

The department will furnish the Consultant with traffic data, existing bridge rating information, unit prices for cost comparisons and available microfilm prints of as-built plans.

The completion date for this contract will be 24 months after authorization to proceed. The agreement with the Consultant will include an option for renewal by the department for an additional 24 months.

Key personnel listed on **Exhibit A** for this project must include:

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- The person who will assume the duties of Project Engineer, that individual-in-charge who is directly involved in the development of the contract documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the work in the area of structure plan preparation documents (must be an Illinois Licensed Structural Engineer). In addition, the staff performing this work must be identified.
- The person(s) who will perform the QC/QA review work of all milestone submittals (must have adequate plan review experience and be an Illinois Licensed Professional Engineer for roadway work and an Illinois Licensed Structural Engineer for structure work).

Firms must be prequalified in the following categories to be considered for this project:

Location/Design Studies (Rehabilitation)
Structures (Highway: Typical)
Special Studies (Location Drainage)

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address:
SOIPTB@dot.il.gov

10. **Job No. P-93-033-06, FAP 316 (IL 26), From 0.1 Mile South of Red Covered Bridge Road to I-80, Bureau County, Region Two/District Three.**

This project will utilize the **Cost Plus Fixed Fee (CPFF)** method of contracting.

This project requires 8.00% DBE participation.

The **Complexity Factor** for this project is **0**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a negotiation meeting on **October 5, 2006 at 2:00 P.M.** at the Region Two/District Three Office in **Ottawa**.

Phase I and II engineering services are required. Phase I includes the engineering services for the preparation of a Project Report (anticipated to be a categorical exclusion) for the improvement of IL 26 from approximately 0.1 mile south of the Red Covered Bridge Road to I-80. All work for this project will be in English units.

The anticipated scope of work is pavement rehabilitation and/or reconstruction of the roadway to provide one travel lane in each direction throughout the entire length of the project with required turn lanes. An urban cross section shall be pursued requiring storm water collection and management evaluation. Possible replacement of multiple cell box culverts north of I-80 is also anticipated.

The Consultant's Phase I work includes data collection (including traffic counts); ground survey; accident analysis; intersection design studies; traffic analysis; drainage studies, cost estimates, environmental studies, minor right of way work and all other work necessary to complete the Project Report.

The department will furnish the Consultant with available construction plans, microfilm plans, field notes, traffic data, accident statistics, agency coordination, existing right-of-way plans, aerial photography, boring logs and other information.

The estimated construction cost for the project is \$4,730,000. The completion date for this contract will be 18 months after authorization to proceed. Phase II will be negotiated near the completion of Phase I. The completion date for Phase II will be 12 months after authorization to proceed.

Key personnel listed on **Exhibit A** for this project must include:

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- The person who will assume the duties of Project Engineer, that individual-in-charge who is directly involved in the development of the contract documents and will be responsible for all geometric studies and report preparation (must be an Illinois Licensed Professional Engineer).
- The drainage engineer, who will be responsible for all drainage work and investigations (must be an Illinois Licensed Professional Engineer).

- The person who will perform the work in the area of structure plan preparation documents (must be an Illinois Licensed Structural Engineer).
- The person(s) who will perform the QC/QA review work of all milestone submittals (must have adequate plan review experience and be an Illinois Licensed Professional Engineer for roadway work and an Illinois Licensed Structural Engineer for structure work).

Firms must be prequalified in the following categories to be considered for this project:

Location/Design Studies (Rehabilitation)
Structures (Highway: Simple)
Special Studies (Location Drainage)
Highways (Roads & Streets)

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address:
SOIPTB@dot.il.gov.

11. **Job No. P-93-036-06, FAI 57 (I-57) At 6000 North Road Over I-57 North of Bourbonnais, Kankakee County, Region Two/District Three.**

This project will utilize the **Cost Plus Fixed Fee (CPFF)** method of contracting.

This project requires 10% DBE participation.

The **Complexity Factor** for this project is **0.035**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a negotiation meeting on **October 6, 2006**, at **2:00 P.M.** at the Region Two/District Three Office in **Ottawa**.

Phase I engineering services are required for the preparation of a Combined Design Report and an Environmental Assessment (EA) for the development of a full access interchange at I-57 and 6000 North Rd. including required improvements from US 45/52 to IL 50 on 6000 North Rd. to accommodate the new interchange. The Consultant's work is expected to require investigation of several interchange concepts to determine the most feasible and economical interchange type. An "Access Justification Report" has been completed and FHWA concept approval has been received. The selected Consultant will be responsible for all coordination and documentation necessary to achieve full FHWA approval. All work for this project will be in English units.

The Consultant's work is anticipated to include basic data collection, field surveys, hydraulic analyses, preparation of Interchange and Intersection Design Studies, Structure Reports, preparation of type, size and location drawings (TSL's), noise and air quality analyses, cost estimates, traffic management analyses, and all other work necessary for the Combined Design and EA Reports.

Public involvement will include, but not be limited to, holding informational meetings and public hearings, preparation of exhibits for the meetings and hearings, and evaluation and incorporation of comments from the meetings into the project. The Consultant will also be required to coordinate and conduct meetings with a variety of groups designed to generate input from local representation regarding the concerns and needs of the region.

The Consultant will be provided copies of the existing road and bridge plans and the Access Justification Report.

The estimated construction cost for the project is \$45,000,000. The completion date for this contract will be 24 months after authorization to proceed.

Key personnel listed on **Exhibits A and B** for this project must include:

- The person who will assume the duties of the Project Manager for all aspects of the work (must be an Illinois Licensed Professional Engineer).
- The person who will perform the duties of Project Engineer, that individual in charge who is directly involved in the development of the contract documents and will be responsible for the geometric studies (must be an Illinois Licensed Professional Engineer).

- The person who will perform the work in the area of structure plan preparation documents (must be an Illinois Licensed Structural Engineer). In addition, the staff performing this work must be identified.
- The person(s) who will perform the QC/QA review work of all milestone submittals (must have adequate plan review experience and be an Illinois Licensed Professional Engineer for roadway work and an Illinois Licensed Structural Engineer for structure work).
- The Environmental Lead, who will be responsible for the day-to-day management of the environmental work effort, and persons responsible for all environmental disciplines including air quality, noise, water quality, socio-economics and the ecology areas. Environmental staffing on **Exhibit B** must match the staffing presented in the firm's most recent Statement of Experience and Financial Condition.

Firms must be prequalified in the following categories to be considered for this project:

Structures (Highway: Typical)
Location/Design Studies (New Construction/Major Reconstruction)
Environmental Reports (Environmental Assessment)

The prime Consultant must be prequalified in **Environmental Assessment** and must perform all of the environmental work using staff that has been presented in your most recently approved Statement of Experience and Financial Condition or your firm must use a single subconsulting firm that is prequalified in **Environmental Assessment** to perform all of the environment work. The subconsultant's staff must be the same as presented in their most recently approved Statement of Experience and Financial condition.

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

12. **Job No. D-93-043-06, FAP319 (Prairie Parkway), Subsurface Utility Engineering (SUE) & Utility Coordination, Various Counties, Region Two/District Three.**

This project contains federal funds.

This project will utilize the **Cost Plus Fixed Fee (CPFF)** method of contracting.

This project requires 10% DBE participation.

The **Complexity Factor** for this project is **0.07**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a negotiation meeting on **October 6, 2006 at 9:00 A.M.** at the Region Two/District Three Office in **Ottawa**.

Phase I, II, and/or III engineering services are required for subsurface utility engineering and utility coordination work for Prairie Parkway, a new four lane facility in District 3. Work orders under a blanket agreement will be negotiated and authorized by the department on an as needed basis. The Consultant shall respond within 24 hours to the District after receiving each work order assignment to discuss the scope of work, negotiate hours of work, equipment required and direct cost. After the department gives the Consultant authority to proceed, the Consultant shall commence work within 10 calendar days. All work for this project will be done in English units.

The subsurface utility engineering consists of providing the District with existing utility location information in written documents and electronic CADD files for the various projects assigned. This information shall be obtained by researching all utility company's records which have facilities in the area, and by performing actual field surveys to verify and map at the appropriate quality level all existing utilities on the assigned project. Field surveys are to be performed to horizontally located above ground utility features including but not limited to poles, manholes, valve boxes, meters, utility designation markings, etc. The Consultant shall also determine the existence, and approximate horizontal position of underground utilities through the application of appropriate surface geophysical methods (QL B data). The exact horizontal and vertical locations of underground utilities shall also be determined by actually physically locating them (exposing and surveying) at designated spots with use of special boring/excavating equipment insured not to damage existing utilities (QL A data). Field information obtained and recorded in field books shall be drafted on plan sheets in electronic format using current MicroStation V8 and Geopak software utilized by the department.

The utility coordination services shall consist of coordination with the utility companies whose facilities are affected by the highway projects and may include, but not be limited to, the following:

- Review department's construction plans for areas of utility conflict where adjustments and/or relocations are needed.
- Provide a copy of department's construction plans to the utility companies accompanied with an information letter and coordinate with utility companies to assist in plan preparation. Plan submittals (preliminary, pre-final, final) to utility companies shall be sent at various phases of the project. All SUE data and test hole information sheets shall be included.

- Verify and record the horizontal location of each aerial and underground utility facility within the proposed construction limits. Also, verify and record the vertical location of each underground utility that may be in conflict with the proposed project and would require lowering or relocation due to the improvement.
- Schedule utility coordination meetings at various phases of the project to discuss utility relocation status to assure project is on schedule and utility relocation will be performed prior to roadway construction.
- Review plans and estimates furnished by the utility company for the most economical method of relocating the utilities. Ensure utility companies are relocating the facilities in accordance with the manual "Accommodation of Utilities on Right-of-Way of the Illinois State Highway System".
- If the utility adjustment is constructed on existing or proposed ROW, then a permit is required (IDOT writes the permit). The utility company is responsible for obtaining the permit from IDOT. The Consultant will be responsible for review of the proposed adjustment to insure the adjustment does not conflict with the department's proposed improvement or other proposed utility relocations.
- Provide to the District a completed "Status of Utilities to be Adjusted" sheet with the estimated dates of completion for each utility. This document is to be provided to the District a minimum of 14 days prior to the Plans, Special Provisions, & Estimates (PS & E) date for the letting for the improvement.
- Schedule and coordinate with utility companies for utility adjustments to be completed prior to the start of roadway construction.
- Attend field checks and preconstruction meetings for each section. Also, once the utility companies have received the plans and start submitting proposals, biweekly meetings may be required to discuss the job status.

The department will furnish the Consultant with any available as built plans and/or microfilm plans, any available survey field notes, alignment data, cross ties, design CADD files, or benchmarks.

The completion date for this contract will be 24 months after authorization to proceed. The agreement with the Consultant will include an option for renewal by the department for an additional 24 months.

Key personnel listed on **Exhibit A** for this project must include:

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be experienced in managing multiple subsurface utility engineering projects in an urban environment and be an Illinois Licensed Professional Engineer).
- The person who will perform the duties of Project Engineer, that individual in charge who is directly involved in the development of the contract documents (must be an Illinois Licensed Professional Engineer).

- The person who will perform the work required for surveying (must be experienced in survey of utility features and be an Illinois Licensed Professional Land Surveyor).
- The person(s) who will perform the QC/QA review work of all milestone submittals (must be an Illinois Licensed Professional Engineer).

Statements of Interest must include satisfactory experience demonstrated in the activities required for this work by the firm and its' employees. The Statement of Interest must also include the following:

- The firm's ability to provide staff and equipment for simultaneous projects at different locations.
- A statement of the firm's ability to perform the work within the time frame described.
- A plan for developing a local office if the workload warrants.

Firms must be prequalified in the **Special Services (Subsurface Utility Engineering)** category to be considered for this project.

Statements of Interest, including resumes of the key people and experience data as noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

13. **Job No. D-93-044-06, FAP 319 (Prairie Parkway) From South of IL 71 to North of the BNSF Railroad, Kendall County, Region Two/District Three.**

This project contains federal funds.

This project will utilize the **Cost Plus Fixed Fee (CPFF)** method of contracting.

This project requires 20% DBE participation.

The **Complexity Factor** for this project is **0.07**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a negotiation meeting on **October 5, 2006 at 9:00 A.M.** at the Region Two/District Three Office in **Ottawa**.

Phase II engineering services are required for the preparation of contract plans, specifications and estimates for the construction of approximately 6.6 miles of a new four lane divided highway, including an anticipated 14 structures and two interchanges. All work for this project will be in English units.

This section begins roughly 0.7 miles south of IL 71 and extends in a northerly direction to a point approximately 0.7 miles north of the BNSF Railroad (north of US 34).

The Consultant's work is anticipated to include preliminary and final roadway, structure, traffic signal, lighting, signing, landscaping, and drainage plans, as well as supplemental field surveys, special provisions and estimates and any other work necessary to complete the project.

The following structures are anticipated to be included in this project:

- Prairie Parkway over IL 71 – Interchange – dual structures
- Prairie Parkway over Illinois Railnet Railroad – dual structures
- Fox Rd. (CH 1) over Prairie Parkway
- Prairie Parkway over Fox River – dual structures
- River Rd. (1.1 miles south of US 34) over Prairie Parkway
- Prairie Parkway over Rob Roy Creek – box culvert
- Prairie Parkway over US 34 – Interchange – dual structures
- Prairie Parkway over BNSF Railroad/Faxon Road Extension – dual structures
- US 34 over Big Rock Creek

The department will furnish the Consultant with the design report, environmental impact statement, drainage report, hydraulic reports, type, size and location (TS&L) drawings, foundation borings, geotechnical reports, right of way plans, surveys, available as-built plans, microfilm plans, field notes, traffic data, agency coordination, aerial photography, and other available information.

The estimated construction cost for this project is \$130,000,000. The completion date for this contract will be 24 months after authorization to proceed.

Key personnel listed on **Exhibit A** and **B** for this project must include:

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the duties of Project Engineer, that individual in charge who is directly involved in the development of the contract documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the work in the area of structure plan preparation documents (must be an Illinois Licensed Structural Engineer). In addition, the staff performing this work must be identified.
- The person who will perform/supervise the work in the area of hydraulic analysis and drainage design (must be an Illinois Licensed Professional Engineer).
- The person who will be in charge of route surveys (must be an Illinois Licensed Professional Engineer or an Illinois Licensed Professional Land Surveyor).
- The person who will perform the QC/QA review work of all milestone submittals (must have adequate plan review experience and be an Illinois Licensed Professional Engineer for roadway work and an Illinois Licensed Structural Engineer for structure work).

Statements of Interest must also include satisfactory experience demonstrated in the activities required for this work by the firm and its' employees.

Firms must be prequalified in the following categories to be considered for this project:

Highways (Freeways)
Structures (Major Bridges: Steel Girder)
Structures (Highway: Advanced Typical)

Statements of Interest, including resumes of the key people and experience data as noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

14. **Job No. D-93-045-06, FAP 319 (Prairie Parkway), North of the BNSF Railroad to North of US 30, Kendall and Kane Counties, Region Two/District 3**

This project will utilize the **Cost Plus Fixed Fee (CPFF)** method of contracting.

This project requires 20.00% DBE participation.

The **Complexity Factor** for this project is **0.07**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a negotiation meeting on **October 5, 2006 at 1:00 P.M.** at the District Three Office in **Ottawa**.

Phase II engineering services are required for the preparation of contract plans, specifications and estimates for the construction of approximately 7.9 miles of a new four lane divided highway, including an expected 23 structures and one interchange. All work for this project will be in English units.

This section begins roughly 0.7 miles north of the BNSF Railroad and extends in a northerly direction to a point approximately 1.5 miles north of US 30.

The Consultant's work is anticipated to include preliminary and final roadway, structure, traffic signal, lighting, signing, landscaping, and drainage plans, as well as supplemental field surveys, special provisions and estimates and any other work necessary to complete the project.

The following structures are anticipated to be included in this project:

- Prairie Parkway over Big Rock Creek (south crossing) – dual structures
- Rock Creek Rd. (CH 13) over Prairie Parkway
- Prairie Parkway over stream, 450 feet south of Galena Rd. – dual structures
- Galena Road (CH 9) over Prairie Parkway
- Prairie Parkway over stream, 3500 feet north of Galena Rd. – dual structures
- Jericho Road (CH 24) over Prairie Parkway
- Prairie Parkway over Big Rock Creek (north crossing) – dual structures
- Granart Rd. (CH 35) over Prairie Parkway
- Prairie Parkway over stream, 600 feet south of BNSF Railroad – dual structures
- Prairie Parkway over BNSF Railroad – dual structures
- Prairie Parkway over US 30 – dual structures
- US 30 Connector Road over Prairie Parkway – interchange
- Prairie Parkway over stream, 3770 feet north of US 30 – dual structures
- US 30 over Welch Creek
- Dauberman Rd. (CH 62) over Welch Creek

The department will furnish the Consultant with the design report, environmental impact statement, drainage report, hydraulic reports, type, size and location (TS&L) drawings, foundation borings, geotechnical reports, right of way plans, surveys, any available as-built plans, microfilm plans, field notes, traffic data, agency coordination, aerial photography, and other available information.

The estimated construction cost for this project is \$140,000,000. The completion date for this contract will be 24 months after authorization to proceed.

Key personnel listed on **Exhibit A** for this project must include:

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the duties of Project Engineer, that individual in charge who is directly involved in the development of the contract documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the work in the area of structure plan preparation documents (must be an Illinois Licensed Structural Engineer). In addition, the staff performing this work must be identified.
- The person who will perform/supervise the work in the area of hydraulic analysis and drainage design (must be an Illinois Licensed Professional Engineer).
- The person who will be in charge of route surveys (must be an Illinois Licensed Professional Engineer or an Illinois Licensed Professional Land Surveyor).
- The person who will perform the QC/QA review work of all milestone submittals (must have adequate plan review experience and be an Illinois Licensed Professional Engineer for roadway work and an Illinois Licensed Structural Engineer for structure work).

Statements of Interest must also include satisfactory experience demonstrated in the activities required for this work by the firm and its' employees.

Firms must be prequalified in the following categories to be considered for this project:

Highways (Freeways)
Structures (Highway: Advanced Typical)

Statements of Interest, including resumes of the key people and experience data as noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

15. **Job No. D-93-046-06, Phase I/II Various Structure Projects, Various Routes, Various Counties, Region Two/District Three.**

This project will utilize the **Direct Labor Multiple (DLM)** method of contracting.

The **Complexity Factor** for this project is **0**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a negotiation meeting on **October 5, 2006 at 2:00 P.M.** at the Region Two/District Three Office in **Ottawa**.

Phase I and II engineering services are anticipated for the preparation of contract plans, special provisions and estimates for structures throughout District Three. Work orders under the blanket agreement will be negotiated and authorized on an as needed basis. All work for this contract will be in English units.

Phase I and II engineering services are anticipated to include preparing Bridge Condition and Hydraulic Reports, conducting route surveys (including full hydraulic surveys), type, size and location (TS&L) drawings and bridge repair plans. The work required may also include performing drainage studies, preparing bridge & roadway plans, preparing traffic control plans, special provisions, cost estimates and any other work necessary to complete final contract plans and documents.

It is anticipated this contract will include approximately four projects with estimated construction costs ranging up to \$2,000,000. The engineering services required may consist of only a portion of the total engineering work on any certain project.

The department will furnish the Consultant with any available plans, approved Phase I reports, field notes, traffic data, accident statistics, agency coordination, existing right of way plans, aerial photographs, boring logs, existing Bridge Condition & Hydraulic Reports, structure ratings and other information.

The completion date for this contract will be 24 months after authorization to proceed. The agreement with the Consultant will include an option for renewal by the department for an additional 24 months.

Key personnel listed on **Exhibit A** for this project must include:

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the duties of Project Engineer, that individual in charge who is directly involved in the development of contract documents (must be an Illinois Licensed professional Engineer).
- The person who will perform/supervise the work in the area of hydraulic analysis and the preparation of the Hydraulic Reports (must be an Illinois Licensed Professional Engineer).

- The person who will perform/supervise the work in the area of structure plan preparation (must be an Illinois Licensed Structural Engineer). In addition, the staff performing the work must be identified.
- The person who will perform the QC/QA review of all milestone submittals (must have adequate plan review experience and be an Illinois Licensed Professional Engineer for roadway work and an Illinois Licensed Structural Engineer for structure work).
- The person who will be in charge of route surveys (must be an Illinois Licensed Professional Engineer and/or an Illinois Licensed Professional Land Surveyor).

Firms must be prequalified in the following categories to be considered for this project:

Highways (Roads & Streets)
Structures (Highway: Typical)

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address:
SOIPTB@dot.il.gov.

16. **Job No. D-93-047-06, Phase I/II Various Structure Projects, Various Routes, Various Counties, Region Two/District Three.**

This project will utilize the **Direct Labor Multiple (DLM)** method of contracting.

The **Complexity Factor** for this project is **0**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a negotiation meeting on **October 5, 2006** at **10:00 A.M.** at the Region Two/District Three Office in **Ottawa**.

Phase I and II engineering services are anticipated for the preparation of contract plans, special provisions and estimates for structures throughout District Three. Work orders under the blanket agreement will be negotiated and authorized on an as needed basis. All work for this project will be in English units.

Phase I and II engineering services are anticipated to include preparing Bridge Condition and Hydraulic Reports, conducting route surveys (including full hydraulic surveys), type, size and location (TS&L) drawings and bridge repair plans. The work required may also include performing drainage studies, preparing bridge & roadway plans, preparing traffic control plans, special provisions, cost estimates and any other work necessary to complete final contract plans and documents.

It is anticipated this contract will include approximately 4 different projects with estimated construction costs ranging up to \$3,500,000. The engineering services required may consist of only a portion of the total engineering work on any certain project.

The department will furnish the Consultant with any available plans, approved Phase I Reports, field notes, traffic data, accident statistics, agency coordination, existing right of way plans, aerial photographs, boring logs, existing Bridge Condition & Hydraulic Reports, structure ratings and other available information.

The completion date for this contract will be 24 months after authorization to proceed. The agreement with the Consultant will include an option for renewal by the department for an additional 24 months.

Key personnel listed on **Exhibit A** for this project must include:

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the duties of Project Engineer, that individual in charge who is directly involved in the development of contract documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform/supervise the work in the area of hydraulic analysis and the preparation of the Hydraulic Reports (must be an Illinois Licensed Professional Engineer).

- The person who will perform/supervise the work in the area of structure plan preparation (must be an Illinois Licensed Structural Engineer). In addition, the staff performing the work must be identified.
- The person who will perform the QC/QA review of all milestone submittal documents (must have adequate plan review experience and be an Illinois Licensed Professional Engineer for roadway work and an Illinois Licensed Structural Engineer for structure work).
- The person who will be in charge of route surveys (must be an Illinois Licensed Professional Engineer and/or an Illinois Licensed Professional Land Surveyor).

Firms must be prequalified in the following categories to be considered for this project:

Highways (Roads & Streets)
Structures (Highway: Typical)

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address:
SOIPTB@dot.il.gov.

17. **Job No. D-93-048-06, Phase I/II Various Structure Projects, Various Routes, Various Counties, Region Two/District Three.**

This project will utilize the **Direct Labor Multiple (DLM)** method of contracting.

The **Complexity Factor** for this project is **0**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a negotiation meeting on **October 6, 2006** at **10:00 A.M.** at the Region Two/District Three Office in **Ottawa**.

Phase I and II engineering services are anticipated for the preparation of contract plans, special provisions and estimates for structures throughout District Three. Work orders under the blanket agreement will be negotiated and authorized on an as needed basis. All work for this contract will be in English units.

Phase I and II engineering services are anticipated to include preparing Bridge Condition and Hydraulic Reports, conducting route surveys (including full hydraulic surveys), type, size and location (TS&L) drawings and bridge repair plans. The work required may also include performing drainage studies, preparing bridge & roadway plans, preparing traffic control plans, special provisions, cost estimates and any other work necessary to complete final contract plans and documents.

It is anticipated this contract will include approximately 4 different projects with estimated construction costs ranging up to \$4,500,000. The engineering services required may consist of only a portion of the total engineering work on any certain project.

The department will furnish the Consultant with any available plans, approved Phase I Reports, field notes, traffic data, accident statistics, agency coordination, existing right of way plans, aerial photographs, boring logs, existing Bridge Condition & Hydraulic Reports, structure ratings and other available information.

The completion date for this contract will be 24 months after authorization to proceed. The agreement with the Consultant will include an option for renewal by the department for an additional 24 months.

Key personnel listed on **Exhibit A** for this project must include:

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the duties of Project Engineer, that individual in charge who is directly involved in the development of contract documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform/supervise the work in the area of hydraulic analysis and the preparation of the Hydraulic Reports (must be an Illinois Licensed Professional Engineer).

- The person who will perform/supervise the work in the area of structure plan preparation (must be an Illinois Licensed Structural Engineer). In addition, the staff performing the work must be identified.
- The person who will perform the QC/QA review of all milestone submittal documents (must have adequate plan review experience and be an Illinois Licensed Professional Engineer for roadway work and an Illinois Licensed Structural Engineer for structure work).
- The person who will be in charge of route surveys (must be an Illinois Licensed Professional Engineer and/or an Illinois Licensed Professional Land Surveyor).

Firms must be prequalified in the following categories to be considered for this project:

Highways (Roads & Streets)
Structures (Highway: Typical)

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

18. **Job No. P-94-020-06, Bridge Deck Delamination Surveys on Various Routes in Various Counties in Region Three/District Four**

This project will utilize the **Direct Labor Multiple (DLM)** method of contracting.

The **Complexity Factor** for this project is **0**.

The Consultant selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a negotiation meeting on **October 5, 2006** at **10:00 A.M.** at the Region Three/District 4 office in **Peoria**.

Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis. All work for this project will be in English units. The Consultant is expected to perform, but is not limited to, the following tasks on various structures throughout District Four:

- Survey of bridge decks using a combination of soundings, infrared thermographic surveys, ground penetrating radar, visual inspections, limited deck coring, and other methods as approved by the Department to identify areas of delamination. Using these methods, partial and full depth repair areas will be located. Also, areas of debonding will be located.
- To calibrate and confirm the data gathered in testing, coring of selected areas of the bridge decks, visual inspections of the deck soffits and other approved techniques will be used. Additionally, the cores and other techniques will be used to identify the depths of the delaminations identified.
- Provide plan view sheets of surveyed bridge decks showing the deck, identified delaminations, and proposed repair areas marked in the appropriate scale, with a table showing the square feet of proposed partial and full-depth repairs, and the percentage of deck to be repaired.
- Prepare a report documenting the techniques and equipment used, as well as a summary of the survey results. Additionally, a summary of the quantities of delamination and debonding (square feet) and the percentage of the deck they represent will be provided. Pictures of any deck cores taken for the deck survey will also be provided in the report.
- Provide the appropriate amount of traffic control during field work.

The department will furnish the following to the Consultant:

- Location map and plan views of the bridge decks to be surveyed which give sufficient details.
- Provide one person to act as a liaison between the Consultant and the department, and to assist in data collection, as needed.
- Provide cleaning of deck surfaces, if needed.

The completion date for this contract will be 12 months after authorization to proceed. The agreement with the Consultant will have an option for renewal by the department for an additional 12 months.

Statements of Interest must include the following:

- Firm's experience with this type of work.
- Firm's techniques to be used to complete this work.
- **Exhibit A** must include
 - Name, e-mail address, and phone number of the firm's contact person
 - Names of key personnel, along with resumes indicating their qualifications.
 - A statement of the firm's ability to do the work in-house and a list of work that will need to be subcontracted, if necessary.
 - A statement of the firm's ability to perform the work within the time period described above.
- The firm's calculated burden and overhead rate.

The Statement of Interest must be received by the Bureau of Design and Environment and the Region Three/District Four Office prior to 4:30 p.m., central time, August 3, 2006 to be given consideration. Submittals may be e-mailed to SOIPTB@dot.il.gov or send one copy to each of the following:

Illinois Department of Transportation
Ms Cheryl Cathey
Bureau of Design & Environment
Attn: Consultant Unit (Room 330)
2300 South Dirksen Parkway
Springfield, IL 62764

Illinois Department of Transportation
Mr. Joe Crowe
Region Three/District Four
401 Main Street
Peoria, IL 61021

19. **Job No. D-96-521-03, FAU 7706 (BL-55), Phase II Engineering for Structure Replacement over Salt Creek, Logan County, Region Four/District Six.**

This project will utilize the **Cost Plus Fixed Fee (CPFF)** method of contracting.

This project requires 15% DBE participation.

The **Complexity Factor** for this project is **0**.

The Consultant who is selected for this project and all subconsultants the Prime Consultant will be using are scheduled to attend an initial Scope of Services meeting on **October 11, 2006**, at **1:30 P.M.** at the Region Four/District Six Office in **Springfield**.

Phase II engineering services are required for the preparation of contract plans, special provisions and estimates for the removal and replacement of the BL-55 structure over the Salt Creek, located 0.3 mi. south of Lincoln in Logan County. All work will be done in English units.

The following structure, S.N. 054-0005 over the Salt Creek, is included in this project.

The Consultant's work will consist of the preparation of contract plans, field surveys, preparation for right-of-way plats and plans, preparation of type, size, and location (TS&L) drawings, structure plans, roadway plans, traffic control plan, and any other related work to complete final plans, special provisions, and estimates.

The department will furnish the Consultant with any available existing plans, survey and field notes, traffic data, boring logs, approved Bridge Condition Report, and approved Hydraulic Report, approved Phase I Design Report, and other pertinent information to complete the assigned work.

The estimated construction cost for this project is \$7,300,000. The completion date for this contract will be 24 months after authorization to proceed.

Key personnel listed on **Exhibit A** for this project must include:

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the duties of Project Engineer, that individual in charge who is directly involved in the development of the contract documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the work in the area of structure plan preparation documents (must be an Illinois Licensed Structural Engineer). In addition, the staff performing this work must be identified.
- The person who will perform the QC/QA review work for all milestone submittal documents (must be an Illinois Licensed Professional Engineer for roadway work and must be an Illinois Licensed Structural Engineer for structural work with adequate plan review experience).

Firms must be prequalified in the following categories to be considered for this project:

Highways (Roads & Streets)
Structures (Highway: Advanced Typical)

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address:
SOIPTB@dot.il.gov.

20. **Job No. D-96-524-06, FAP 310 (US 67), from SE of the proposed IL 125 Interchange to NW of the proposed IL 100/IL 103 Interchange, Cass & Schuyler Counties, Region Four/District Six.**

This project will utilize the **Cost Plus Fixed Fee (CPFF)** method of contracting.

The **Complexity Factor** for this project is **0.035**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **October 11, 2006 at 10:30 A.M.** at the Region Four/District Six Office in **Springfield**.

Phase II engineering services are required to complete the Context Sensitive Solution (CSS) Study and Report to guide to determine the type and style of the proposed bridge to carry the proposed four lanes of US 67 over the Illinois River and Curry Lake near Beardstown. This will also involve determining the proposed roadway, landscaping, and aesthetic features for the entire study area along the US 67 alignment from east of the proposed IL 125 Interchange to west of IL 100 / IL 103 Interchange for a total length of approximately 3.7 miles.

The following structure, SN 009-0001 (US 67 over the Illinois River and Curry Lake) is included in this project.

The department will furnish the Consultant with available field survey notes, as-built construction plans, existing right-of-way plans, soil boring logs, geotechnical report, and approved project reports.

The estimated construction cost for this project is \$150,000,000. The Consultant's work includes completing a CSS Study and Report. The completion date for this contract will be 24 months after authorization to proceed.

Key personnel listed on **Exhibit A** for this project must include:

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the duties of Project Engineer, that individual in charge who is directly involved in the development of the contract documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the work in the area of structure plan preparation documents (must be an Illinois Licensed Structural Engineer). In addition, the staff performing this work must be identified.
- The person who will perform the QC/QA review work for all milestone submittal documents (must be an Illinois Licensed Professional Engineer for roadway work and must be an Illinois Licensed Structural Engineer for structural work with adequate plan review experience).
- The person who will perform the landscape architecture work.

- The person who will be in charge of Land surveys (must be an Illinois Licensed Professional Land Surveyor).

Firms must be prequalified in the following categories to be considered for this project:

Highways (Freeways)
Structures (Highway: Complex)

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

21. **Job No. R-96-010-06, Various Surveys, Various Routes, Various Counties, Region Four/District 6**

This project will utilize the **Direct Labor Multiple (DLM)** method of contracting.

This project requires 15% DBE participation.

The **Complexity Factor** for this project is **0**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a negotiation meeting on **October 6, 2006** at **10:00 A.M.** in the Region Four/District 6 Office in **Springfield**.

Engineering services are required for miscellaneous survey projects throughout District 6. It is anticipated this contract will include approximately eight (8) such surveys during Fiscal Year 2007. Work orders under the blanket agreement will be negotiated and authorized by the department on an as needed basis. All work for this project will be in English units.

The department will furnish the Consultant with any available data.

The Consultant's work may include, but is not limited to, route and land surveys, plat preparations, and right-of-way plan preparation. The department will direct as to how the surveys and plats will be completed.

The completion date for this contract will be June 30, 2008.

Key personnel listed on **Exhibit A** for this project must include:

- The person who will assume the duties of the Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Land Surveyor)

Firms must be prequalified in the **Special Services (Land Surveying)** category to be considered for this project.

Statements of Interest, including resumes of the key people noted above must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

22. **Job No. D-96-543-06; Phase I and/or II for Various Projects, Various Routes, Various Counties, in Region Four/District Six**

This project will utilize the **Direct Labor Multiple (DLM)** method of contracting.

This project required 15.00% DBE participation.

The **Complexity Factor** for this project is **0**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a Scope of Services meeting on **October 10, 2006, at 10:00 A.M.** at the Region Four/ District Six Office in **Springfield**.

Engineering services are required for Phase I and/or Phase II work on various projects in District Six. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis. All work for this project may be in English or metric units.

The Phase I work, if required, may consist of conducting route surveys, hydraulic surveys, hydraulic analysis, geometric studies, preparing bridge condition reports, and preparing project reports (categorical exclusion projects only). This work will include data collection, development of alignment alternatives, cost estimates, traffic management analysis, accident analysis, bridge condition reports, TS&L, structure plans, and other related work and exhibits necessary to produce the Project Report, as necessary.

The Phase II work, if required, may consist of conducting route surveys, land surveys, hydraulic analysis, geometric studies, preparation of TS&L structure plans, roadway plans, necessary right-of-way documents, and any other related work to complete final plans, specifications, and estimates, as necessary.

The various proposed projects may consist of simple patching and resurfacing, bridge repair, bridge rehabilitation, bridge replacement, widening and resurfacing, and/or new roadway projects. The engineering services required may consist of only a portion of the total engineering work on a certain project.

The department will furnish the Consultant with any available as-built plans, microfilm plans, field notes, traffic data, accident statistics, agency coordination, existing right-of-way plans, aerial photos, boring logs, and other information.

It is anticipated that this contract will include approximately 3 to 15 different projects. The estimated construction costs of each project will range from \$100,000 to \$2,500,000. The completion date for this contract will be 36 months after authorization to proceed.

Key personnel listed on **Exhibit A** for this contract must include:

- The person who will assume the duties of Project Manager for all aspects of the work (must be an Illinois Licensed Professional Engineer).
- The person(s) who will perform the duties of Project Engineer who will be directly involved and responsible in the development of the reports and/or plans (must be an Illinois Licensed Professional Engineer).

- The person who will be in charge of route surveys (must be an Illinois Licensed Professional Engineer and/or an Illinois Licensed Professional Land Surveyor).
- The person who will be in charge of land surveys (must be an Illinois Licensed Professional Land Surveyor).
- The person who will perform the work in the area of structure plan preparation documents (must be an Illinois Licensed Structural Engineer). In addition, the staff performing this work must be identified.
- The person who will perform the QC/QA review work of all milestone submittal documents (must be an Illinois Licensed Professional Engineer for roadway work and must be an Illinois Licensed Structural Engineer for structural work with adequate plan review experience).

Firms must be prequalified in the following categories to be considered for this project:

Highways (Roads & Streets)
Structures (Highway: Typical)

Statements of Interest, including resumes of the key people noted above must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

23. **Job No. D-96-544-06; Phase I and/or II for Various Projects, Various Routes, Various Counties, in Region Four/District Six**

This project will utilize the **Direct Labor Multiple (DLM)** method of contracting.

This project required 15.00% DBE participation.

The **Complexity Factor** for this project is **0**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a Scope of Services meeting on **October 6, 2006 at 10:00 A.M.** at the Region Four/District Six Office in **Springfield**.

Engineering services are required for Phase I and/or Phase II work on various projects in District Six. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis. All work for this project may be in English or metric units.

The Phase I work, if required, may consist of conducting route surveys, hydraulic surveys, hydraulic analysis, geometric studies, preparing bridge condition reports, and preparing project reports (categorical exclusion projects only). This work will include data collection, development of alignment alternatives, cost estimates, traffic management analysis, accident analysis, bridge condition reports, TS&L, structure plans, and other related work and exhibits necessary to produce the Project Report, as necessary.

The Phase II work, if required, may consist of conducting route surveys, land surveys, hydraulic analysis, geometric studies, preparation of TS&L structure plans, roadway plans, necessary right-of-way documents, and any other related work to complete final plans, specifications, and estimates, as necessary.

The various proposed projects may consist of simple patching and resurfacing, bridge repair, bridge rehabilitation, bridge replacement, widening and resurfacing, and/or new roadway projects. The engineering services required may consist of only a portion of the total engineering work on a certain project.

The department will furnish the Consultant with any available as-built plans, microfilm plans, field notes, traffic data, accident statistics, agency coordination, existing right-of-way plans, aerial photos, boring logs, and other information.

It is anticipated that this contract will include approximately 3 to 15 different projects. The estimated construction costs of each project will range from \$100,000 to \$2,500,000. The completion date for this contract will be 36 months after authorization to proceed.

Key personnel listed on **Exhibit A** for this contract must include:

- The person who will assume the duties of Project Manager for all aspects of the work (must be an Illinois Licensed Professional Engineer).
- The person(s) who will perform the duties of Project Engineer who will be directly involved and responsible in the development of the reports and/or plans (must be an Illinois Licensed Professional Engineer).

- The person who will be in charge of route surveys (must be an Illinois Licensed Professional Engineer and/or an Illinois Licensed Professional Land Surveyor).
- The person who will be in charge of land surveys (must be an Illinois Licensed Professional Land Surveyor).
- The person who will perform the work in the area of structure plan preparation documents (must be an Illinois Licensed Structural Engineer). In addition, the staff performing this work must be identified.
- The person who will perform the QC/QA review work of all milestone submittal documents (must be an Illinois Licensed Professional Engineer for roadway work and must be an Illinois Licensed Structural Engineer for structural work with adequate plan review experience).

Firms must be prequalified in the following categories to be considered for this project:

Highways (Roads & Streets)
Structures (Highway: Typical)

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

24. **Job No. P-97-035-06, FAP 322 (US 51), from Pana to Centralia, Phase I Corridor Study, Various Counties, Region Four/District Seven.**

This project contains federal funds.

This project will utilize the **Cost Plus Fixed Fee (CPFF)** method of contracting.

This project requires 10.00% DBE participation.

The **Complexity Factor** for this project is **0.07**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **October 6, 2006** at **9:00 A.M.** at the Region Four/District Seven Office in **Effingham**.

Phase I engineering services are required to perform all work associated with a Corridor Study, Location/Design Report, and an Environmental Impact Statement to upgrade US 51 to an expressway design from Pana to Centralia. The study will begin at the proposed expressway at Pana and end at the existing expressway south of Centralia. All work for this project will be in English units and all NEPA documents must be in dual (English and metric) units.

The Consultant's work includes data collection, survey, preparation of base maps and mosaics, location studies, alternate alignment studies, interchange/intersection design studies, Location Drainage Studies, Hydraulic Studies, TS&L, noise and possible air quality analyses, cost estimates, traffic management analyses, Environmental Impact Statement, Corridor Report, Design Report, and all other work necessary to complete each separate Phase I study.

This project includes extensive public involvement utilizing Context Sensitive Solutions techniques. Public Involvement will include, but is not be limited to, holding informational meetings and public hearings, preparation of exhibits for these meetings and hearings, and evaluation and incorporation of comments from these meetings into the project. The Consultant will also be required to coordinate and conduct meetings with a variety of groups designed to generate input from local representation regarding the concerns and needs of the region. The Consultant will be responsible for involving the local representation, maintaining their involvement and evaluating and incorporating their constructive input throughout the entire project.

The project is anticipated to be completed in two Parts. All work necessary for the Corridor Study will be negotiated as Part 1 of the Prime Agreement. Near the completion of the Corridor Study, Part 2 of the project, which includes all work required to complete the Location/Design Report and an Environmental Impact Statement, will be negotiated.

The Statement of Interest must include a comprehensive public involvement plan. This plan should address agency, local representation, and public input, and any other collateral input relative to project progress. The submittal must also include the plan for news media involvement, dissemination of information, and any necessary property owner contacts.

The department will furnish the Consultant with a 1970 Corridor Report, existing microfilm plans as available, traffic data, accident data, existing right of way information, and aerial survey. The department will also provide the biological survey, wetland delineation, cultural resource survey, threatened and endangered species survey, and special waste location reconnaissance survey.

The estimated construction cost for this project is \$130,000,000. The Consultant's work includes Corridor Study, Design Study, and an Environmental Impact Statement. The completion date for this contract will be 48 months after authorization to proceed.

Key personnel listed on **Exhibits A and B** for this project must include:

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the duties of Project Engineer, that individual in charge who is directly involved in the development of the contract documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the work in the area of structure plan preparation documents (must be an Illinois Licensed Structural Engineer). In addition, the staff performing this work must be identified.
- The person who will perform the QC/QA review work for all milestone submittal documents (must be an Illinois Licensed Professional Engineer for roadway work and must be an Illinois Licensed Structural Engineer for structural work with adequate plan review experience).
- The Environmental Lead, who will be responsible for the day-to-day management of the environmental work effort, and persons responsible for all environmental disciplines including water quality, noise, socio-economics and ecology. Environmental staffing on **Exhibit B** must match the staffing presented in the firm's most recent Statement of Experience and Financial Condition.
- The person in charge of Public Involvement procedures. Include a detailed description of public involvement work he/she has directed involving facilitation public meetings and public hearings, organizing work groups and press conferences, drafting press releases and property owner contact letters, etc.

Firms must be prequalified in the following categories to be considered for this project:

Location/Design Studies (New Construction/Major Reconstruction)
Environmental Reports (Environmental Impact Statements)
Structures (Highway: Typical)

Statements of Interest, including resumes of the key people noted above must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

25. **Job No. D-97-030-06, Various, Phase I and/or Phase II Projects, Various Counties, Region Four/District Seven.**

This project will utilize the **Direct Labor Multiple (DLM)** method of contracting.

This project requires 10.00% DBE participation.

The **Complexity Factor** for this project is **0**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **October 10, 2006, at 10:00 A.M.** at the Region Four/District Seven Office in **Effingham**.

Phase I and/or II engineering services are required for various projects in District Seven. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis. All work for this project will be in English units and all NEPA documents must be in dual (English and metric) units.

The Phase I work, if required, may consist of conducting route surveys, land surveys, hydraulic surveys, hydraulic analysis, geometric studies, environmental studies, preparing Project Reports, and preparing and/or reviewing geotechnical reports including soils, pavement and foundation recommendations. This work may include data collection, development of alignment alternatives, cost estimates, traffic management analysis, accident analysis, bridge condition reports, preparing and/or reviewing hydraulic reports, type, size and location drawings, and other related work and exhibits necessary to produce the Project Reports.

The Phase II work, if required, may consist of conducting route surveys, land surveys, hydraulic analysis, geometric studies, and preparation of type, size and location drawings, structure plans, roadway plans, and any other related work to complete final plans, specifications and estimates as necessary.

The department will furnish the Consultant with available as-built plans, microfilm, field notes, existing right-of-way plans, aerial photos, boring logs, existing Bridge Condition & Hydraulic Reports, and other information necessary for the Consultant to accomplish his work.

The various proposed projects may consist of simple patching and resurfacing, bridge repair, bridge rehabilitation, new bridge design, urban projects with storm sewer, widening and resurfacing and/or new roadway projects which may include preparation of plats & plans for right-of-way acquisition. The Consultant's work may include either complete projects or a portion of the total engineering work on a certain project.

The estimated construction cost for these projects may range from \$500,000 to 2,000,000. The completion date for this contract will be 30 months after authorization to proceed.

Key personnel listed on **Exhibit A** for this project must include:

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).

- The person who will perform the work in the area of structure plan preparation documents (must be an Illinois Licensed Structural Engineer). In addition, the staff performing this work must be identified.
- The person who will perform the QC/QA review work for all milestone submittal documents (must be an Illinois Licensed Professional Engineer for roadway work and must be an Illinois Licensed Structural Engineer for structural work with adequate plan review experience).

Firms must be prequalified in the following categories to be considered for this project:

Highways (Roads & Streets)
Structures (Highway: Typical)
Location/Design Studies (Rehabilitation)

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address:
SOIPTB@dot.il.gov.